

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((("6386050") or ("20070188737") or ("5211626")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 18:00
L2	1	("6932796").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 18:17
L3	1	("7268859").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 18:18
L4	1	("5533412").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 18:28
L5	1	("20050005710").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 18:31
L6	2	("2005/0005710").URPN.	USPAT	OR	OFF	2009/01/04 18:31
L7	266	(thermal with (time with flight))	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:35
L8	14	("20020073772"   "20030002994"   "20040237645"   "20050063865"   "20050142662"   "20060008382"   "3820393"   "4507974"   "5975485"   "6502459"   "6527835"   "6615655"   "7181261"   "7225683").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/04 18:41
L9	2	("6221226"   "6675660").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 18:43
L10	1	("7225683").URPN.	USPAT	OR	OFF	2009/01/04 18:44
L11	2	("6221226"   "6675660").PN.	USPAT	OR	OFF	2009/01/04 19:05
L12	4	("5795788"   "5929343"   "6386050"   "6463807").PN.	USPAT	OR	OFF	2009/01/04 19:14

L13	10	("3807228"   "4458709"   "4480483"   "4938079"   "5260665"   "5325170"   "5623097"   "5726357"   "5763775"   "5764539").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:14
L14	15	("3891391"   "4384578"   "4388003"   "4464932"   "4476877"   "4566320"   "4770037"   "4912974"   "4913703"   "4916948"   "4938079"   "4969357"   "5056047"   "5142907"   "5174299").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:15
L15	4	("3851526"   "4016759"   "4464932"   "4548075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:16
L16	12	("5056047").URPN.	USPAT	OR	OFF	2009/01/04 19:18
L17	10	("4969357").URPN.	USPAT	OR	OFF	2009/01/04 19:30
L18	3	("4691566"   "4735086"   "4790181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:33
L19	17	("4938079").URPN.	USPAT	OR	OFF	2009/01/04 19:33
L20	31	("3469578"   "4318400"   "4340083"   "4447224"   "4447232"   "4468221"   "4532811"   "4600302"   "4741736"   "4777368"   "4874386"   "4886499"   "4938079"   "4938368"   "5016047"   "5061242"   "5163920"   "5211626"   "5248300"   "5527288"   "5533412"   "5575770"   "5665070"   "5741979"   "5848990"   "5984894"   "6074369"   "6162202"   "6386050"   "6582393").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:34
L21	4	("5211626"   "5575770"   "5848990"   "6162202").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:34
L22	5	("6582393").URPN.	USPAT	OR	OFF	2009/01/04 19:34

L23	10	("3807228"   "4458709"   "4480483"   "4938079"   "5260665"   "5325170"   "5623097"   "5726357"   "5763775"   "5764539"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:35
L24	38	("2631242"   "3366952"   "3621710"   "3807231"   "3935970"   "4169543"   "4222267"   "4226118"   "4402230"   "4423623"   "4459858"   "4483199"   "4503383"   "4554828"   "4589281"   "4629987"   "4659218"   "4912982"   "4938079"   "4947128"   "4947129"   "4977915"   "5022274"   "5048335"   "5099697"   "5101163"   "5101367"   "5121639"   "5140270"   "5177444"   "5261282"   "5263363"   "5502393"   "5581191"   "5610527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:36
L25	5	("3680375"   "3886794"   "4201083"   "4519257"   "4528857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:38
L26	13	("5121639").URPN.	USPAT	OR	OFF	2009/01/04 19:39
L27	13	("5650571").URPN.	USPAT	OR	OFF	2009/01/04 19:43
L28	10	("5022274").URPN.	USPAT	OR	OFF	2009/01/04 19:48
L29	16	("5741979").URPN.	USPAT	OR	OFF	2009/01/04 19:52
L30	10	("3679903"   "4309609"   "4335616"   "4458709"   "4480483"   "4483200"   "4502339"   "4510390"   "4532811"   "4576050"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:55
L31	13	("4532811").URPN.	USPAT	OR	OFF	2009/01/04 19:55

L32	18	("20050022594"   "20050178195"   "3425277"   "4319483"   "4440021"   "4491024"   "4532811"   "4628743"   "4686856"   "5581028"   "5783757"   "5792952"   "6175688"   "6662121"   "6681625"   "6779394"   "6871537").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:56
L33	14	("4319483"   "4548078"   "4677850"   "5212983"   "5218866"   "5222395"   "5237867"   "5460039"   "5461910"   "5465618"   "5493100"   "5533412"   "5576487"   "5792952"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 19:57
L34	6	("5222395").URPN.	USPAT	OR	OFF	2009/01/04 20:00
L35	48	("0265800"   "0956785"   "2087170"   "2552017"   "2591195"   "2777325"   "3138025"   "3335606"   "3757808"   "3857458"   "3992940"   "4028689"   "4087301"   "4135396"   "4255968"   "4257450"   "4357936"   "4458709"   "4480467"   "4491024"   "4532811"   "4554136"   "4690245"   "4813280"   "4877051"   "5035138"   "5036701"   "5092170"   "5209115"   "5222395"   "5764539"   "5765432"   "5831159"   "5836693"   "5911238"   "5980102"   "6032525"   "6119710"   "6318171"   "RE34104"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:00
L36	0	("7000464").URPN.	USPAT	OR	OFF	2009/01/04 20:04

L37	48	("0956785"   "2087170"   "2552017"   "2591195"   "2685800"   "2777325"   "3138025"   "3335606"   "3757808"   "3857458"   "3992940"   "4028689"   "4087301"   "4135396"   "4255968"   "4257450"   "4357936"   "4458709"   "4480467"   "4491024"   "4532811"   "4554136"   "4690245"   "4813280"   "4877051"   "5035138"   "5036701"   "5092170"   "5209115"   "5222395"   "5764539"   "5765432"   "5831159"   "5836693"   "5911238"   "5980102"   "6032525"   "6119710"   "6318171"   "RE34104"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:04
L38	14	("4319483"   "4548078"   "4677850"   "5212983"   "5218866"   "5222395"   "5237867"   "5460039"   "5461910"   "5465618"   "5493100"   "5533412"   "5576487"   "5792952"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:05
L39	0	("7409875").URPN.	USPAT	OR	OFF	2009/01/04 20:07
L40	1	("4532811").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:24
L41	0	("6530286").URPN.	USPAT	OR	OFF	2009/01/04 20:24
L42	6	("777368").URPN.	USPAT	OR	OFF	2009/01/04 20:25
L43	5	("4644162"   "4777368"   "5111046"   "6422743"   "6585408").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:25
L44	2	("6732582").URPN.	USPAT	OR	OFF	2009/01/04 20:26
L45	9	("3682554"   "4662756"   "4662757"   "4777368"   "4867054"   "4891088"   "5021673"   "5021676"   "5120976").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:33
L46	10	("5691921").URPN.	USPAT	OR	OFF	2009/01/04 20:34

L47	7	("4510390").URPN.	USPAT	OR	OFF	2009/01/04 20:36
L48	7	("4510390").URPN.	USPAT	OR	OFF	2009/01/04 20:37
L49	9	("4502339").URPN.	USPAT	OR	OFF	2009/01/04 20:37
L50	20	("4483200").URPN.	USPAT	OR	OFF	2009/01/04 20:38
L51	6	("3807228"   "3918304"   "3978713"   "4121469"   "4137778"   "4162397"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 20:53
L52	9	("3807228").URPN.	USPAT	OR	OFF	2009/01/04 21:12
L53	4	("2770795"   "3019647"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/04 21:17
S1	1	("6386050").PN.	USPAT; USOCR	OR	OFF	2008/01/06 23:08
S2	10	("3807228"   "4458709"   "4480483"   "4938079"   "5260665"   "5325170"   "5623097"   "5726357"   "5763775"   "5764539"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 23:09
S3	11	("6386050").URPN.	USPAT	OR	OFF	2008/01/06 23:16
S4	7	((("4532811") or ("5533412") or ("4777368") or ("4938079") or ("5211626") or ("6582393") or ("6386050"))).PN.	USPAT; USOCR	OR	OFF	2008/01/06 23:26
S5	3	("6582393").URPN.	USPAT	OR	OFF	2008/01/06 23:18
S6	4	("5211626"   "5575770"   "5848990"   "6162202"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 23:19
S7	422	(604/113).CCLS.	USPAT; USOCR	OR	OFF	2008/01/06 23:21
S8	1	("6386050").PN.	USPAT; USOCR	OR	OFF	2008/01/06 23:44
S9	369	(604/250).CCLS.	USPAT; USOCR	OR	OFF	2008/01/06 23:44
S10	0	("7268859").URPN.	USPAT	OR	OFF	2008/01/06 23:45

S11	44	("20050005710"   "20050059926"   "3469578"   "3511227"   "3552855"   "4318400"   "4340083"   "4447224"   "4447232"   "4458709"   "4468221"   "4532811"   "4741736"   "4777368"   "4857048"   "4874386"   "4886499"   "4938079"   "4938368"   "4979940"   "5016047"   "5061242"   "5163920"   "5211626"   "5248300"   "5515295"   "5527288"   "5533412"   "5575770"   "5665070"   "5685844"   "5848990"   "5982478"   "5984894"   "6074369"   "6162202"   "6386050"   "6582393"   "6639506"   "6653651"   "6709313").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 23:45
S12	4	("5211626"   "5575770"   "5848990"   "6162202"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/06 23:46
S13	273	(604/251).CCLS.	USPAT; USOCR	OR	OFF	2008/01/06 23:55
S14	101	(604/253).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:00
S15	232	(604/257).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:01
S16	34	("20050050941"   "20050059926"   "3469578"   "3552855"   "4318400"   "4340083"   "4447224"   "4468221"   "4532811"   "4741736"   "4777368"   "4857048"   "4874386"   "4886499"   "4938079"   "4938368"   "4979940"   "5016047"   "5061242"   "5163920"   "5211626"   "5248300"   "5527288"   "5533412"   "5575770"   "5665070"   "5685844"   "5848990"   "5984894"   "6074369"   "6162202"   "6386050"   "6582393"   "6709313"). PN.	US-PGPUB; USPAT	OR	OFF	2008/01/07 00:05

S17	377	(604/30).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:06
S18	263	(604/31).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:07
S19	146	(604/33).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:08
S20	192	(604/34).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:09
S21	517	(604/65).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:10
S22	606	(604/67).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:11
S23	484	(604/93.01).CCLS.	USPAT; USOCR	OR	OFF	2008/01/07 00:11
S24	0	((("I000021") or ("I000022") or ("I000023")).PN.	USPAT; USOCR	OR	OFF	2008/01/07 00:11
S25	1404	S21 or S22 or S23	USPAT	OR	OFF	2008/01/07 00:12
S26	338	S25 and (laser or heat\$4)	USPAT	OR	OFF	2008/01/07 00:12
S27	13	(US-4480483-\$ or US- 4458709-\$ or US-7268859- \$ or US-6932796-\$ or US- 6582393-\$ or US-4532811- \$ or US-4777368-\$ or US- 4938079-\$ or US-5211626- \$ or US-5533412-\$ or US- 6386050-\$ or US-5575770- \$ or US-5984894-\$).did.	USPAT	OR	OFF	2008/07/18 01:58
S28	0	S27 and (diffract\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/18 01:59
S29	310	("20050005710"   "20050059926"   "2509889"   "2586060"   "2603039"   "2724271"   "2776565"   "2792548"   "2799165"   "2813237"   "2947938"   "3019647"   "3220255"   "3335606"   "3399566"   "3425277"   "3452595"   "3469578"   "3511227"   "3543578"   "3543752"   "3552855"   "3595079"   "3597676"   "3647117"   "3670926"   "3679903"   "3731679"   "3757808"   "3781839"   "3807228"   "3820393"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 01:59



"3832998"	"3871229"
"3918304"	"3922912"
"3942378"	"3951147"
"3978713"	"3987788"
"4014206"	"4043195"
"4059982"	"4121469"
"4137778"	"4162397"
"4193397"	"4228683"
"4228815"	"4234844"
"4237730"	"4255968"
"4261388"	"4309609"
"4318400"	"4335616"
"4340083"	"4346603"
"4355638"	"4372304"
"4384578"	"4395259"
"4447224"	"4447232"
"4458709"	"4468221"
"4480483"	"4483200"
"4491024"	"4496343"
"4502339"	"4509974"
"4510390"	"4532811"
"4542650"	"4576050"
"4576182"	"4600302"
"4613327"	"4624661"
"4628743"	"4643279"
"4668231"	"4680445"
"4681566"	"4684367"
"4685331"	"4685903"
"4715727"	"4741736"
"4758228"	"4764166"
"4777368"	"4778450"
"4813280"	"4857048"
"4874386"	"4886499"
"4902278"	"4932250"
"4938079"	"4938368"
"4978338"	"4979940"
"4995268"	"5016047"
"5061242"	"5163920"
"5181910"	"5211626"
"5243858"	"5248300"
"5256157"	"5260665"
"5325170"	"5347876"
"5395324"	"5445616"
"5515295"	"5527288"
"5533412"	"5575770"
"5623097"	"5665070").
PN. OR ("5685844"	
"5726357"	"5741979"
"5763775"	"5764539"
"5848990"	"5982478"
"5984894"	"6074369"
"6162202"	"6386050"
"6582393"	"6639506"
"6653651"	"6709313").

		PN. OR ("4458709"   "4480483"   "4532811"   "4777368"   "4938079"   "5211626"   "5533412"   "5575770"   "5984894"   "6386050"   "6582393"   "6932796"   "7268859"). URPN.				
S30	5	S29 and (diffract\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/18 01:59
S31	6	("4777368").URPN.	USPAT	OR	OFF	2008/07/18 02:08
S32	12	("3552855").URPN.	USPAT	OR	OFF	2008/07/18 02:09
S33	3	S32 and diffract\$3	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:14
S34	0	"thermal time of flight"	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:16
S35	251	(thermal with (time with flight))	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:17
S36	18	S35 and diffract\$3	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:17
S37	84	(73/861.95).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 02:22
S38	1	("6932796").URPN.	USPAT	OR	OFF	2008/07/18 02:36
S39	1	("20040019321").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 02:37
S40	1	S37 and diffract\$4	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:48
S41	483	(measur\$3 with (fluid with flow)) and diffract\$4	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:51
S42	160	S41 and (diffract\$4 with detect\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/18 02:52
S43	1	("6582393").PN.	USPAT; USOCR	OR	OFF	2008/07/18 08:52
S44	1	("6932796").PN.	USPAT; USOCR	OR	OFF	2008/07/18 08:53
S45	3	((("7052268") or ("7361155") or ("7268859")).PN.	USPAT; USOCR	OR	OFF	2008/07/18 08:55
S46	1	("4600302").PN.	USPAT; USOCR	OR	OFF	2008/07/18 09:00

S47	1	("4609286").PN.	USPAT; USOCR	OR	OFF	2008/07/18 09:01
S48	3	((("4660971") or ("4622298") or ("4661913")).PN.	USPAT; USOCR	OR	OFF	2008/07/18 09:03
S49	3	((("20050148063") or ("20030032039") or ("7008794")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/18 09:13

1/ 4/ 2009 10:51:49 PM

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